02/25/02



#### **UTILITY PATENT APPLICATION TRANSMITTAL** (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. MFA-14502/04 Total Pages in this Submission 33

#### TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C.	111(a) and 37 C.F.R.	1.53(b) is a new utility patent application for a
invention entitled:		

inve	ntion e	ntitle	d:					(b) is a new utility patent ap	plication for an
A	SCAF	FOLI	WITH	VERTICAL S	J <b>PP</b> (	ORTS AND HOR	IZONTAL CA	ARRIERS	81504 81504 81504 2/02
	invente								
	rtur Sc								01.0
₩a	CONT	INUA	TION AF	PLICATION,	chec	ck appropriate be	ox and supply	the requisite information:	
O	Cont	inuat	ion 🗆	Divisional		Continuation-	in-part (CIP)	of prior application No.:	
Whi	ch is a	:							
9	Cont	inuat	ion 🗆	Divisional		Continuation-	in-part (CIP)	of prior application No.:	
Whi	ich is a	:						- Prior of Philodelion 110	
	Cont	inuat	ion 🗆	Divisional		Continuation-	in-part (CIP)	of prior application No.:	
Enc	losed a	are:							
Carl						Application	n Elements		
TH									
	1. 🛛	Filin	g fee as	calculated and	d trar	nsmitted as desc	ribed below		
:	2. 🗵	Spe	cification	having		21	pages and ir	ncluding the following:	
	a.	$\boxtimes$	Descript	tive Title of the	e Inve	ention			
	b.		Cross R	teferences to	Relat	ted Applications	(if applicable)		
	C.		Stateme	ent Regarding	Fede	erally-sponsored	Research/De	velopment (if applicable)	
	d.		Referen	ce to Sequen	ce Li	sting, a Table, o	r a Computer I	Program Listing Appendix	
	e.	$\boxtimes$	Backgro	ound of the Inv	entic	on			
	f.	$\boxtimes$	Brief Su	mmary of the	Inve	ntion			
	g.	$\boxtimes$	Brief De	scription of th	e Dra	awings (if filed)			
	h.	$\boxtimes$	Detailed	Description				I MARANDA WALL	1111
	i.	$\boxtimes$	Claim(s	) as Classified	Belo	ow			140
	j.	×	Abstract	t of the Disclo	sure			25006 PATENT, TRADEMARKO	FFICE

## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

Docket No. MFA-14502/04

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission 33

		Application Elements (Continued)
3.	$\boxtimes$	Drawing(s) (when necessary as prescribed by 35 USC 113)
	a.	□ Formal Number of Sheets 6
	b.	☐ Informal Number of Sheets
4.		Oath or Declaration
	a.	□ Newly executed (original or copy) □ Unexecuted
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
	c.	☐ With Power of Attorney ☐ Without Power of Attorney
	d.	<ul> <li>□ <u>DELETION OF INVENTOR(S)</u></li> <li>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).</li> </ul>
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7.		Application Data Sheet (See 37 CFR 1.76)
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
	a.	☐ Computer Readable Form (CRF)
	b.	☐ Specification Sequence Listing on:
		i. CD-ROM or CD-R (2 copies); or
		ii. 🔲 Paper
	C.	☐ Statement(s) Verifying Identical Paper and Computer Readable Copy
		Accompanying Application Parts
9.		Assignment Papers (cover sheet & document(s))
10.		37 CFR 3.73(B) Statement (when there is an assignee)
11.		English Translation Document (if applicable)
12.		Information Disclosure Statement/PTO-1449
13.		Preliminary Amendment
14.	$\boxtimes$	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.	$\boxtimes$	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.		Certificate of Mailing
		☐ First Class ☑ Express Mail (Specify Label No.): EV 063796594US

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

Docket No. MFA-14502/04

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission 33

#### Accompanying Application Parts (Continued)

17.	×	Additional Enclosures (please identify below):
		Application Data Sheet
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
18.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
		Warning
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. MFA-14502/04

Total Pages in this Submission

pris are ac		Fee Calcu	lation and Tr	ansmitta	al	
		CLAIMS	AS FILED			
For	#Filed	#Allowed	#Extra		Rate	Fee
otal Claims	21	- 20 =	1	×	\$18.00	\$18.00
ndep. Claims	1	- 3 =	0	×	\$84.00	\$0.00
Aultiple Dependent	Claims (check	( if applicable)				\$0.00
To the state of th					BASIC FEE	\$740.00
OTHER FEE (speci	fy purpose)					\$0.00
☑ A check in the a	mount of	\$758.00 to	cover the filir	a fee is	TOTAL FILING FEE	\$758.00
<ul> <li>☑ The Commission as described belong the commission of the commission</li></ul>	ner is hereby and the Adupticate the amount of any overpaymer any additional the issue fee so to 37 C.F.R.	uthorized to charge e copy of this she at. filing fees require et in 37 C.F.R. 1.	eet is enclosed as filing fee.  d under 37 C. 18 at the maili	Deposit A  i.  F.R. 1.16  ns of the  ouglas V  cog. No. 2  Sifford, k  Anderso  80 N. Olo	enclosed. Account No. 07-1180  6 and 1.17.  Notice of Allowance,  V. Sprinkle 27, 394  V. Sprinkle, a & Citkowski, P.C. d  am, MI 4809  am, MI 4809	